



National Transportation Safety Board Aviation Accident Data Summary

Location:	GREER, SC	Accident Number:	ATL82DA222
Date & Time:	08/01/1982, 1335 EDT	Registration:	N1831F
Aircraft:	BEECH C23	Injuries:	1 Serious
Flight Conducted Under:	Part 91: General Aviation - Instructional		

Analysis

THE STUDENT PILOT HAD RECEIVED ABOUT THREE HOURS IN THIS MAKE AND MODEL OF AIRCRAFT. AFTER ABOUT 45 MINUTES OF DUAL INSTRUCTION, HE WAS INDORSED FOR SOLO FLIGHT, THE INSTRUCTOR DEPLANED, AND THE STUDENT TOOK OFF TO FLY LOCALLY. ABOUT 25 MINUTES LATER, THE STUDENT RETURNED FOR TOUCH-AND-GO LANDINGS. HE STATED THAT ON DOWNWIND, HE ELECTED TO CHANGE THE FUEL SELECTOR POSITION. HE SAID THAT HE REACHED DOWN, DEPRESSED THE SPRING CLIP, AND ROTATED THE FUEL SELECTOR HANDLE TO THE RIGHT. DURING THE GO-AROUND AFTER THE LANDING, THE ENGINE QUIT AT ABOUT 300 FT AGL. SUBSEQUENTLY, THE AIRCRAFT CRASHED DURING A FORCED LANDING IN AN AREA OF SCRUB PINE AND OAK. REPORTEDLY, THE PILOT HAD TURNED TO AVOID LARGER TREES DURING THE LANDING. THE FUEL SELECTOR WAS FOUND IN THE "OFF" POSITION (NEAR THE RIGHT TANK POSITION). ABOUT 15 GALLONS OF FUEL WAS REMAINING IN THE RIGHT FUEL TANK.

Probable Cause

The National Transportation Safety Board determines the probable cause(s) of this accident to be:

Findings

Occurrence #1: LOSS OF ENGINE POWER(TOTAL) - NONMECHANICAL
Phase of Operation: TAKEOFF - INITIAL CLIMB

Findings

1. TOUCH-AND-GO - PERFORMED - PILOT IN COMMAND
2. (C) FLUID,FUEL - STARVATION
3. (C) FUEL TANK SELECTOR POSITION - IMPROPER - PILOT IN COMMAND
4. LACK OF FAMILIARITY WITH AIRCRAFT - PILOT IN COMMAND

Occurrence #2: FORCED LANDING
Phase of Operation: LANDING - FLARE/TOUCHDOWN

Occurrence #3: IN FLIGHT COLLISION WITH TERRAIN/WATER
Phase of Operation: LANDING - FLARE/TOUCHDOWN

Findings

5. (F) TERRAIN CONDITION - HIGH OBSTRUCTION(S)

- 6. MANEUVER - PERFORMED - PILOT IN COMMAND
- 7. (F) TERRAIN CONDITION - HIGH VEGETATION

Pilot Information

Certificate:	Student	Age:	35
Airplane Rating(s):		Instrument Rating(s):	None
Other Aircraft Rating(s):		Instructor Rating(s):	None
Flight Time:	18 hours (Total, all aircraft), 3 hours (Total, this make and model), 3 hours (Pilot In Command, all aircraft), 18 hours (Last 90 days, all aircraft), 8 hours (Last 30 days, all aircraft), 1 hours (Last 24 hours, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	BEECH	Registration:	N1831F
Model/Series:	C23 C23	Engines:	1 Reciprocating
Operator:	STEVENS BEECHCRAFT, INC.	Engine Manufacturer:	LYCOMING
Operating Certificate(s) Held:		Engine Model/Series:	O-360-A4K
Flight Conducted Under:	Part 91: General Aviation - Instructional		

Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual Conditions	Condition of Light:	Day
Observation Facility, Elevation:	GSP, 0 ft msl	Weather Information Source:	Unknown
Lowest Ceiling:	Unknown / 0 ft agl	Wind Speed/Gusts, Direction:	Calm / ,
Temperature:	82 °C	Visibility	5 Miles
Precipitation and Obscuration:			
Departure Point:	GREER, SC (GSP)	Destination:	GREER, SC (GSP)

Airport Information

Airport:	GREENVILLE-SPARTANBURG (GSP)	Runway Surface Type:	Asphalt
Runway Used:	3	Runway Surface Condition:	Dry
Runway Length/Width:	7600 ft / 150 ft		

Wreckage and Impact Information

Crew Injuries:	1 Serious	Aircraft Damage:	Substantial
Passenger Injuries:	N/A	Aircraft Fire:	None
Ground Injuries:	N/A	Aircraft Explosion:	None
Latitude, Longitude:			

Administrative Information

Investigator In Charge (IIC):

Adopted Date: 08/01/1983

Investigation Docket:

NTSB accident and incident dockets serve as permanent archival information for the NTSB's investigations. Dockets released prior to June 1, 2009 are publicly available from the NTSB's Record Management Division at pubinq@ntsb.gov, or at 800-877-6799. Dockets released after this date are available at <http://dms.nts.gov/pubdms/>.

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